

CLAIMS

1. A method of applying a viscous fluid material to an object, comprising:

moving the object in a predetermined transport
5 direction;

bringing a nozzle provided with a slot into contact with the moving object;

dispensing the viscous fluid material from said slot to apply the viscous fluid material onto the
10 object; and

ejecting a heated compression gas downstream of said slot in the predetermined transport direction to press the viscous fluid material applied on the object from the slot against the object by the
15 ejected compression gas.

2. A method according to Claim 1, wherein a surface of the object is not flat, and the heated compression gas is ejected onto the viscous fluid
20 material applied on the object to press the viscous fluid material into a recess of the surface.

3. A method according to Claim 1 or 2, comprising ejecting a flow of the compression gas
25 having a width larger than a length of said slot in a direction substantially perpendicular to the predetermined transport direction.

4. A method according to any one of Claims 1-3, comprising ejecting the compression gas from an opening disposed away from the object.

5 5. An apparatus for applying a viscous fluid material to an object, comprising:

a nozzle contactable with the object, the object being moved in a predetermined transport direction;

a gun body for supporting said nozzle;

10 material supplying means for supplying the viscous fluid material to said nozzle;

gas supplying means for supplying a compression gas to said nozzle; and

15 a heater disposed in said gun body for heating the compression gas,

wherein said nozzle is provided with a slot for dispensing the viscous fluid material and an opening disposed downstream of said slot in the predetermined transport direction for ejecting the compression gas heated by said heater to thereby press the viscous fluid material applied on the object from said slot against the object by the ejected compression gas.

25 6. A nozzle for applying a viscous fluid material to an object, the object being moved in a predetermined transport direction, wherein said nozzle is adapted to be attached to a manifold, which

receives a compression gas heated by a heater provided in a gun body, and wherein said nozzle is provided with a slot for dispensing the viscous fluid material and an opening disposed downstream of said 5 slot in the predetermined transport direction for ejecting the heated compression gas from said manifold.